

Work Order ID 61490

Thursday, August 26, 2010 3:36:25 PM



Page 1

Item ID: D412-702-309

Accept



Setup Start



Revision ID:

Stop



Item Name: Harness Assembly

Start Date: 8/26/2010 Start Qty: 1.00



Cust Item ID:

Required Date: 9/6/2010 Req'd Qty: 1.00



Customer:

Reference:

Approvals:

Process Plan:

Date: 10-8-26

Tooling:

Date:

Run Start



QC:

Date:

SPC (Y/N):

Date:

Stop

Sequence ID/
Work Center IDOperation
DescriptionSet Up/
Run Hours

Tool ID

Tool #

Plan
CodeAccept
QtyReject
QtyReject
NumberInsp.
Stamp

Draw Nbr

Revision Nbr

DSI 9511

A

100

0.00



Small Fab

Memo

0.00

Small Fab

Assemble as per dwg ICA D412-702 p.49

8/30/08/27

①

110

QC5- Inspect part completeness to step on W/O

0.00



QC

Memo

0.00

Quality Control

8/30/08/27

②

120

0.00



Packaging

Memo

0.00

Packaging

Identify with P/N & CHG# and pack for shipping as per PPP D412-702-309

CHG001

Location:

PPP Rev:

PPP 61485

8/30/08/27 ②

| W/O: | | WORK ORDER CHANGES | | | | | |
|------|------|--------------------|----|------|-----|-------------------------------------|--------------------------|
| DATE | STEP | PROCEDURE CHANGE | By | Date | Qty | Approval Chief Eng / Prod Mgr | Approval QC Inspector |
| | | | | | | | |
| | | | | | | | |

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

| NCR: | | WORK ORDER NON-CONFORMANCE (NCR) | | | | | | |
|------|------|----------------------------------|-----------------------------|---------------------------------|----------------|---------------------------|-----------------------|--------------------------|
| DATE | STEP | Description of NC Section A | Corrective Action Section B | | | Verification Section C | Approval Chief Eng | Approval QC Inspector |
| | | | Initial Chief Eng | Action Description Chief Eng | Sign & Date | | | |
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NOTE: Date & initial all entries

Work Order ID 61490

Thursday, August 26, 2010 3:36:25 PM



Page 2

Item ID: D412-702-309

Accept



Setup Start



Revision ID:

Stop



Item Name: Harness Assembly

Start Date: 8/26/2010 Start Qty: 1.00



Cust Item ID:

Required Date: 9/6/2010 Req'd Qty: 1.00



Customer:

Reference:

Approvals: Process Plan: _____ Date: _____ Tooling: _____ Date: _____

Run Start



QC: _____ Date: _____ SPC (Y/N): _____ Date: _____

Stop

Sequence ID/
Work Center IDOperation
DescriptionSet Up/
Run Hours

Tool ID

Tool #

Plan
CodeAccept
QtyReject
QtyReject
NumberInsp.
Stamp

130

QC21- Final Inspection - Work Order Release

0.00

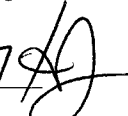


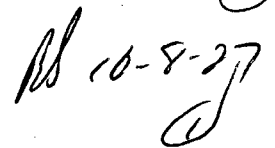
QC

Memo

0.00

Quality Control

10/08/27 

10-8-27 

| W/O: | | WORK ORDER CHANGES | | | | | |
|------|------|--------------------|----|------|-----|-------------------------------------|--------------------------|
| DATE | STEP | PROCEDURE CHANGE | By | Date | Qty | Approval Chief Eng / Prod Mgr | Approval QC Inspector |
| | | | | | | | |
| | | | | | | | |

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

| NCR: | | WORK ORDER NON-CONFORMANCE (NCR) | | | | | | |
|------|------|----------------------------------|-----------------------------|---------------------------------|----------------|---------------------------|-----------------------|--------------------------|
| DATE | STEP | Description of NC Section A | Corrective Action Section B | | | Verification Section C | Approval Chief Eng | Approval QC Inspector |
| | | | Initial Chief Eng | Action Description Chief Eng | Sign & Date | | | |
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| | | | | | | | | |

NOTE: Date & initial all entries

Picklist Print

Thursday, August 26, 2010 3:36:29 PM

Page 1

Work Order ID: 61490

Parent Item: D412-702-309

Parent Item Name: Harness Assembly

Start Date: 8/26/2010

Required Date: 9/6/2010

Start Qty: 1.00



Required Qty: 1.00

Comments: IPP Rev:A new issue DD 10.04.30 verified:EC



| Component Item ID/ Item Name | Replacement Item ID | Mfg/ Purch | Bin Item | Primary Location | Last Location | Route Seq ID | Unit of Measure | Qty on Hand | Qty per Kit | Total Qty | Qty Issued | Date Issued | Status |
|---------------------------------|------------------------|---------------|-------------|---------------------|------------------|-----------------|--------------------|----------------|-------------|--------------|---------------|----------------|--------|
|---------------------------------|------------------------|---------------|-------------|---------------------|------------------|-----------------|--------------------|----------------|-------------|--------------|---------------|----------------|--------|

| | | | | | | | | | | | | | |
|---|--|--------------|----|--|--|-----|------|---------|---|---|--|--|--|
| D3573-3  | | Manufactured | No | | | 100 | Each | 15.0000 | 1 | 1 | | | |
| Adapter | | | | | | | | |  | | | | |

| Location | Loc Qty | Loc Code |
|----------|---------|----------|
| ST244 | 15 | |
| 50473 | 1 | |
| 55681 | 1 | |
| 57223 | 3 | |
| 59452 | 10 | |

| | | | | | | | | | | | | | |
|---|--|--------------|----|--|--|-----|------|---------|---|---|--|--|--|
| D4088-041  | | Manufactured | No | | | 100 | Each | 16.0000 | 1 | 1 | | | |
| Shoulder Harness | | | | | | | | |  | | | | |

| Location | Loc Qty | Loc Code |
|----------|---------|----------|
| ST272A | 16 | |
| 58232 | 16 | |

| | | | | | | | | | | | | | |
|--|--|-----------|----|--|--|-----|------|----------|---|---|--|--|--|
| MS24693-S272  | | Purchased | No | | | 100 | Each | 185.0000 | 4 | 4 | | | |
| Screw | | | | | | | | |  | | | | |

| Location | Loc Qty | Loc Code |
|----------|---------|----------|
| ST288 | 185 | |
| 111548 | 1 | |
| 112492 | 184 | |

12/08/27

12/08/27

10/08/27

| W/O: | | WORK ORDER CHANGES | | | | | |
|------|------|--------------------|----|------|-----|-------------------------------------|--------------------------|
| DATE | STEP | PROCEDURE CHANGE | By | Date | Qty | Approval Chief Eng / Prod Mgr | Approval QC Inspector |
| | | | | | | | |
| | | | | | | | |

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

| NCR: | | WORK ORDER NON-CONFORMANCE (NCR) | | | | | | |
|------|------|----------------------------------|-----------------------------|---------------------------------|----------------|---------------------------|-----------------------|--------------------------|
| DATE | STEP | Description of NC Section A | Corrective Action Section B | | | Verification Section C | Approval Chief Eng | Approval QC Inspector |
| | | | Initial Chief Eng | Action Description Chief Eng | Sign & Date | | | |
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| | | | | | | | | |
| | | | | | | | | |

NOTE: Date & initial all entries

Picklist Print

Thursday, August 26, 2010 3:36:29 PM

Page 2

Work Order ID: 61490

Parent Item: D412-702-309

Parent Item Name: Harness Assembly

Start Date: 8/26/2010

Required Date: 9/6/2010

Start Qty: 1.00

Required Qty: 1.00

AN960JD10LL

Purchased

No

100

Each

4,395.000

4

4



Washer



Location

Loc Qty

Loc Code

ST349

4395

19085

472

19600

3923

Purchased

No

100

Each

2,234.000

4

4

MS21042L3



Nut



Location

Loc Qty

Loc Code

ST300

2234

114523

115

114718

119

114784

2000

8/26/2010 10/08/21

8/26/2010 10/08/27

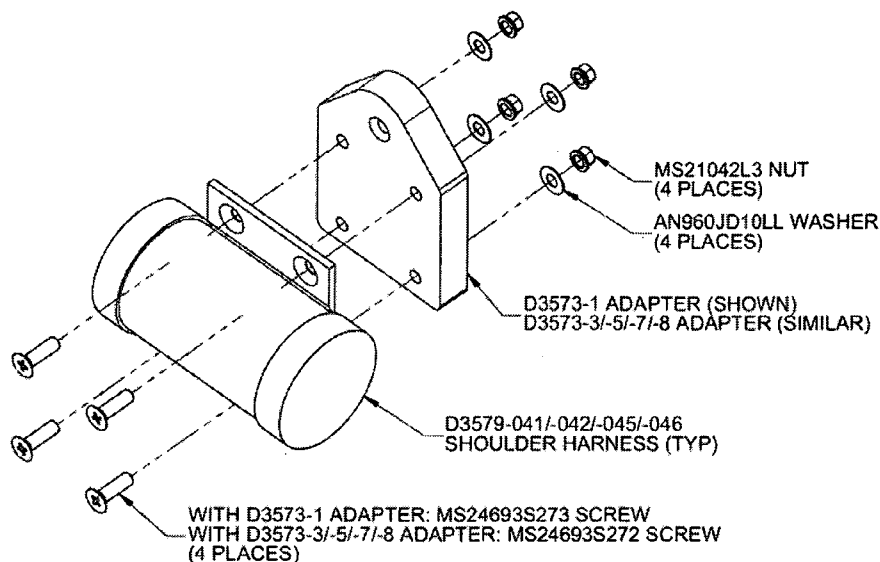
| W/O: | | WORK ORDER CHANGES | | | | | |
|------|------|--------------------|----|------|-----|-------------------------------------|--------------------------|
| DATE | STEP | PROCEDURE CHANGE | By | Date | Qty | Approval Chief Eng / Prod Mgr | Approval QC Inspector |
| | | | | | | | |
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Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

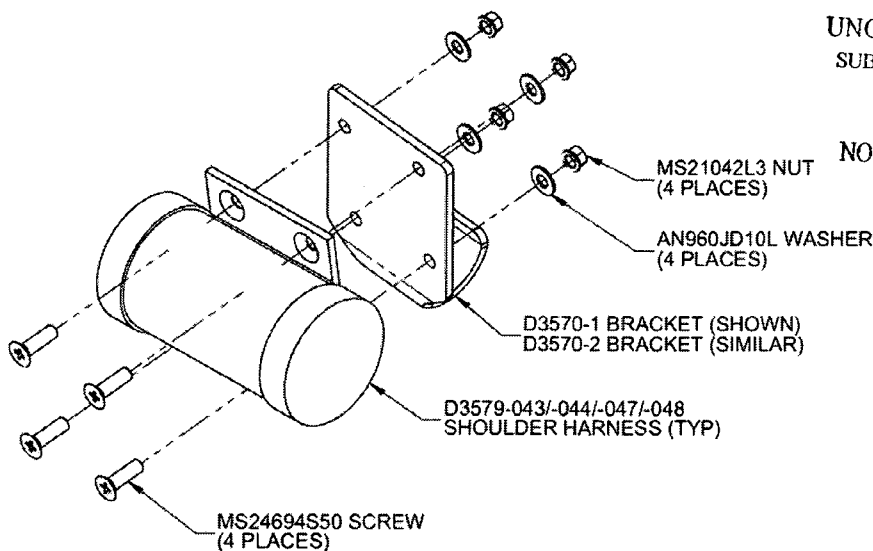
Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

| NCR: | | WORK ORDER NON-CONFORMANCE (NCR) | | | | | | |
|------|------|----------------------------------|-----------------------------|---------------------------------|----------------|---------------------------|-----------------------|--------------------------|
| DATE | STEP | Description of NC Section A | Corrective Action Section B | | | Verification Section C | Approval Chief Eng | Approval QC Inspector |
| | | | Initial Chief Eng | Action Description Chief Eng | Sign & Date | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |

NOTE: Date & initial all entries



**DETAIL 'K' D412-702-101A/-103A/-105A/-107A/-109A/-115A/-117A AND
D412-702-101B/-103B/-105B/-107B/-109B/-115B/-117B HARNESS ASSEMBLIES**
(BELTS, K6.2 CLIP AND D3569-1/-2/-3 DECAL NOT SHOWN)



DETAIL 'L' D412-702-111A/-111B/-113A/-113B HARNESS ASSEMBLIES
(BELTS AND D3569-1/-2/-3 DECALS NOT SHOWN)

SH...
ENCLOSURE
UNCONTROLLED
SUBJECT TO...
WITH...
W...
NO. 61490
8/10-5-26

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| W/O: | | WORK ORDER CHANGES | | | | | |
|------|------|--------------------|----|------|-----|-------------------------------------|--------------------------|
| DATE | STEP | PROCEDURE CHANGE | By | Date | Qty | Approval Chief Eng / Prod Mgr | Approval QC Inspector |
| | | | | | | | |
| | | | | | | | |

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

| NCR: | | WORK ORDER NON-CONFORMANCE (NCR) | | | | | | |
|------|------|----------------------------------|-----------------------------|---------------------------------|----------------|---------------------------|-----------------------|--------------------------|
| DATE | STEP | Description of NC Section A | Corrective Action Section B | | | Verification Section C | Approval Chief Eng | Approval QC Inspector |
| | | | Initial Chief Eng | Action Description Chief Eng | Sign & Date | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |

NOTE: Date & initial all entries

DART SERVICE INSTRUCTION

TO AMEND INSTALLATION INSTRUCTIONS IIN-D412-702 REV. E AND
INSTRUCTIONS FOR CONTINUED AIRWORTHINESS ICA-D412-702 REV. 3

REF TCCA STC SH04-7
REF FAA STC SR01997NY
REF EASA STC EASA.I.M.R.S.00710

REFERENCE ONLY

This service instruction adds several kits equipped with improved inertia reels:

The Dart **D412-702-341** 13-Man Shoulder Harness Kit provides 3-point harnesses with inertia reels and joined lap and shoulder belts for all 13 passenger seating positions in the aircraft cabin. The kit also contains hardpoints for securing the harnesses. The harnesses for this kit meet the requirements of TSO-C114 and replace the existing lap belts. This kit should be installed similar to the D412-702-041B kit, as detailed in Table 1 of this service instruction.

The Dart **D412-702-343** 5-Man Forward Facing Shoulder Harness Kit provides 3-point harnesses with inertia reels and joined lap and shoulder belts for the 5 forward facing seating positions in the aircraft cabin. The kit also contains hardpoints for securing the harnesses. The harnesses for this kit meet the requirements of TSO-C114 and replace the existing lap belts. This kit should be installed similar to the D412-702-043B kit, as detailed in Table 1 of this service instruction.

The Dart **D412-702-345** 4-Man Shoulder Harness Kit provides 3-point harnesses with inertia reels and joined lap and shoulder belts for the 4 aft facing seating positions in the aircraft cabin. The kit also contains hardpoints for securing the harnesses. The harnesses for this kit meet the requirements of TSO-C114 and replace the existing lap belts. This kit should be installed similar to the D412-702-045B kit, as detailed in Table 1 of this service instruction.


The Dart **D412-702-347** 4-Man Shoulder Harness Kit provides 3-point harnesses with inertia reels and joined lap and shoulder belts for the 4 side facing seating positions in the aircraft cabin. The kit also contains hardpoints for securing the harnesses. The harnesses for this kit meet the requirements of TSO-C114 and replace the existing lap belts. This kit should be installed similar to the D412-702-047B kit, as detailed in Table 1 of this service instruction.

The Dart **D412-702-349** 1-Man Shoulder Harness Kit provides a 3-point harness with an inertia reel and joined lap and shoulder belts for the center forward facing seating position in the aircraft cabin. The kit also contains hardpoints for securing the harness. The harness for this kit meets the requirements of TSO-C114 and replaces the existing lap belts. This kit should be installed similar to the D412-702-049B kit, as detailed in Table 1 of this service instruction.

The Dart **D412-702-351** 1-man 3-point shoulder harness kits are available for the outboard seats of the 5-man forward facing bench in Bell 205/212/214/412 model aircraft. The kit can be installed LH or RH. These kits should be installed similar to the D412-702-051B/-052B kits, as detailed in Table 1 of this service instruction.

The Dart **D214-702-337** 5-Man Aft Facing Shoulder Harness Kit provides 3-point harnesses with inertial reels and joined lap and shoulder belts for the 5-man aft facing seat installed in the Bell 214B/B1 model aircraft. This kit should be installed similar to the D214-702-037B kit, as detailed in Table 1 of this service instruction.

The Dart **D205-702-353** 4-Man Aft Facing Shoulder Harness Kit provides 3-point harnesses with inertial reels and joined lap and shoulder harnesses for the 4-man aft facing seat installed in the UH-1 model aircraft. This kit should be installed similar to the D205-702-053B kit, as detailed in Table 1 of this service instruction.

| | |
|---|-----------------------|
| CANADA DEPARTMENT OF TRANSPORT AIRCRAFT CERTIFICATION BRANCH DAO # 01-O-01 | |
| APPROVED  | |
| BY: | D. SHEPHERD (DE # 02) |
| DATE: | 10.03.22 |
| CERT. NO.: | SH04-7 |
| ISSUE NO.: | 3 |

| | | | |
|------------|-------------|---|--------------|
| A | NEW ISSUE | CP | 10.03.18 |
| REV. | DESCRIPTION | | BY DATE |
| DESIGN | 99 | DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA | |
| DRAWN | 99 | | |
| CHECKED | 99 | DRAWING NO. | REV. A |
| MFG. APPR. | N/A | DSI 9511 | SHEET 1 OF 6 |
| APPROVED | 99 | TITLE | SCALE |
| DE APPR. | 99 | NEW SHOULDER HARNESS KITS | NTS |
| DATE | 10.03.18 | COPYRIGHT © 2010 BY DART AEROSPACE LTD <small>THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.</small> | |

INSTALLATION

The Dart D412-702-3XX kits should be installed similar to the kits in Installation Instructions IIN-D412-702 Rev. E or Dart Service Instruction (DSI) listed below:

REFERENCE ONLY**TABLE 1**

| Part Number | Description | Install similar to: |
|--------------|----------------------|--|
| D412-702-341 | Shoulder Harness Kit | D412-702-041B (IIN-D412-702, DSI 9408) |
| D412-702-343 | Shoulder Harness Kit | D412-702-043B (IIN-D412-702, DSI 9453 [214], DSI 9408) |
| D412-702-345 | Shoulder Harness Kit | D412-702-045B (IIN-D412-702, DSI 9469) |
| D412-702-347 | Shoulder Harness Kit | D412-702-047B (IIN-D412-702, DSI 9408) |
| D412-702-349 | Shoulder Harness Kit | D412-702-049B (IIN-D412-702, DSI 9408) |
| D412-702-351 | Shoulder Harness Kit | D412-702-051B (LH) (DSI 9397, DSI 9408) D412-702-052B (RH) (DSI 9397, DSI 9408) |
| D214-702-337 | Shoulder Harness Kit | D214-702-037B (DSI 9454) |
| D205-702-353 | Shoulder Harness Kit | D205-702-053B (DSI 9460) |
| D412-702-301 | Harness Assembly | D412-702-101B (IIN-D412-702) |
| D412-702-303 | Harness Assembly | D412-702-103B (IIN-D412-702) |
| D412-702-305 | Harness Assembly | D412-702-105B (IIN-D412-702) |
| D412-702-307 | Harness Assembly | D412-702-107B (IIN-D412-702) |
| D412-702-309 | Harness Assembly | D412-702-109B (IIN-D412-702) |
| D412-702-311 | Harness Assembly | D412-702-111B (IIN-D412-702) |
| D412-702-313 | Harness Assembly | D412-702-113B (IIN-D412-702) |
| D412-702-315 | Harness Assembly | D412-702-115B (IIN-D412-702) |
| D412-702-317 | Harness Assembly | D412-702-117B (IIN-D412-702) |
| D412-702-319 | Harness Assembly | D412-702-119B (DSI 9454) |
| D412-702-321 | Harness Assembly | D412-702-121B (DSI 9454, DSI 9469) |
| D412-702-323 | Harness Assembly | D412-702-123B (DSI 9454, DSI 9469) |

CANADA
DEPARTMENT OF TRANSPORT
AIRCRAFT CERTIFICATION
BRANCH
DAO # 01-O-01

APPROVED

BY: 
D. SHEPHERD (DE # 02)

DATE: 10.03.22
CERT. NO.: SH04-7
ISSUE NO.: 3

| | | |
|------------|----------|---|
| DESIGN | 99 | DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA |
| DRAWN | 99 | |
| CHECKED | J | DRAWING NO. REV. A |
| MFG. APPR. | N/A | DSI 9511 SHEET 2 OF 6 |
| APPROVED | NO | TITLE SCALE |
| DE APPR. | H | NEW SHOULDER HARNESS KITS NTS |
| DATE | 10.03.18 | COPYRIGHT © 2010 BY DART AEROSPACE LTD <small>THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.</small> |

PARTS LIST

TABLE 2

| QTY -341 | QTY -343 | QTY -345 | QTY -347 | QTY -349 | QTY -351 | Part Number | Description |
|-------------|-------------|-------------|-------------|-------------|-------------|--------------|---|
| X | | | | | | D412-702-341 | Dart 13-Man 3-Point Shoulder Harness Kit |
| | X | | | | | D412-702-343 | Dart 5-Man 3-Point Forward Facing Shoulder Harness Kit |
| | | X | | | | D412-702-345 | Dart 4-Man 3-Point Forward Facing Shoulder Harness Kit |
| | | | X | | | D412-702-347 | Dart 4-Man 3-Point Side Facing Shoulder Harness Kit |
| | | | | X | | D412-702-349 | Dart 1-Man 3-Point Forward Shoulder Harness Kit |
| | | | | | X | D412-702-351 | Dart 1-Man 3-Point Shoulder Harness Kit |
| 1 | 1 | | 1 | 1 | | D412-702-059 | GROMMET KIT |
| 9 | 5 | | 4 | 1 | 1 | D3761-1-041 | HOOK AND LOOP STRIP (DSI 9408) |
| 2 | 1 | | 1 | | | D412-702-301 | HARNESS ASSEMBLY (NEW) |
| 1* | 1* | | 1* | | | D3573-7 | ADAPTER |
| 1* | 1* | | 1* | | | D4088-041 | SHOULDER HARNESS (NEW) |
| 4* | 4* | | 4* | | | MS24693S272 | SCREW |
| 4* | 4* | | 4* | | | AN960JD10LL | WASHER |
| 4* | 4* | | 4* | | | MS21042L3 | NUT |
| 2 | 1 | | 1 | | | D412-702-303 | HARNESS ASSEMBLY (NEW) |
| 1* | 1* | | 1* | | | D3573-8 | ADAPTER |
| 1* | 1* | | 1* | | | D4088-041 | SHOULDER HARNESS (NEW) |
| 4* | 4* | | 4* | | | MS24693S272 | SCREW |
| 4* | 4* | | 4* | | | AN960JD10LL | WASHER |
| 4* | 4* | | 4* | | | MS21042L3 | NUT |
| 1 | 1 | | | 1 | | D412-702-305 | HARNESS ASSEMBLY (NEW) |
| 1* | 1* | | | 1* | | D3573-1 | ADAPTER |
| 1* | 1* | | | 1* | | D4088-041 | SHOULDER HARNESS (NEW) |
| 4* | 4* | | | 4* | | MS24693S273 | SCREW |
| 4* | 4* | | | 4* | | AN960JD10LL | WASHER |
| 4* | 4* | | | 4* | | MS21042L3 | NUT |
| 1 | 1 | | | | 1 | D412-702-307 | HARNESS ASSEMBLY (NEW) |
| 1* | 1* | | | | 1* | D3573-3 | ADAPTER |
| 1* | 1* | | | | 1* | D4088-041 | SHOULDER HARNESS (NEW) |
| 4* | 4* | | | | 4* | MS24693S272 | SCREW |
| 4* | 4* | | | | 4* | AN960JD10LL | WASHER |
| 4* | 4* | | | | 4* | MS21042L3 | NUT |
| 1 | 1 | | | | | D412-702-309 | HARNESS ASSEMBLY (NEW) |
| 1* | 1* | | | | | D3573-3 | ADAPTER |
| 1* | 1* | | | | | D4088-041 | SHOULDER HARNESS (NEW) |
| 4* | 4* | | | | | MS24693S272 | SCREW |
| 4* | 4* | | | | | AN960JD10LL | WASHER |
| 4* | 4* | | | | | MS21042L3 | NUT |

* denotes that part is included in assembly above

continued next page...

CANADA
DEPARTMENT OF TRANSPORT
AIRCRAFT CERTIFICATION
BRANCH
DAO # 01-O-01

APPROVED

BY:

D. SHEPHERD (DE # 02)

DATE: 10.03.22

CERT. NO.: SH04-7

ISSUE NO.: 3

| | | | |
|------------|----------|--|--------------|
| DESIGN | 92 | DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA | |
| DRAWN | 92 | | |
| CHECKED | 13 | DRAWING NO. | REV. A |
| MFG. APPR. | N/A | DSI 9511 | SHEET 3 OF 6 |
| APPROVED | 14 | TITLE | SCALE |
| DE APPR. | 14 | NEW SHOULDER HARNESS KITS | NTS |
| DATE | 10.03.18 | COPYRIGHT © 2010 BY DART AEROSPACE LTD THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD. | |

REFERENCE ONLY

...continued from previous page

| QTY -341 | QTY -343 | QTY -345 | QTY -347 | QTY -349 | QTY -351 | Part Number | Description |
|-------------|-------------|-------------|-------------|-------------|-------------|--------------|------------------------|
| 1 | | 1 | | | | D412-702-311 | HARNESS ASSEMBLY (NEW) |
| 1* | | 1* | | | | D3570-1 | BRACKET |
| 1* | | 1* | | | | D4088-043 | SHOULDER HARNESS (NEW) |
| 4* | | 4* | | | | MS24694S50 | SCREW |
| 4* | | 4* | | | | AN960JD10L | WASHER |
| 4* | | 4* | | | | MS21042L3 | NUT |
| 1 | | 1 | | | | D412-702-313 | HARNESS ASSEMBLY (NEW) |
| 1* | | 1* | | | | D3570-2 | BRACKET |
| 1* | | 1* | | | | D4088-043 | SHOULDER HARNESS (NEW) |
| 4* | | 4* | | | | MS24694S50 | SCREW |
| 4* | | 4* | | | | AN960JD10L | WASHER |
| 4* | | 4* | | | | MS21042L3 | NUT |
| 1 | | | 1 | | | D412-702-315 | HARNESS ASSEMBLY (NEW) |
| 1* | | | 1* | | | D3573-5 | ADAPTER |
| 1* | | | 1* | | | D4088-041 | SHOULDER HARNESS (NEW) |
| 4* | | | 4* | | | MS24693S272 | SCREW |
| 4* | | | 4* | | | AN960JD10LL | WASHER |
| 4* | | | 4* | | | MS21042L3 | NUT |
| 1 | | | 1 | | | D412-702-317 | HARNESS ASSEMBLY (NEW) |
| 1* | | | 1* | | | D3573-5 | ADAPTER |
| 1* | | | 1* | | | D4088-041 | SHOULDER HARNESS (NEW) |
| 4* | | | 4* | | | MS24693S272 | SCREW |
| 4* | | | 4* | | | AN960JD10LL | WASHER |
| 4* | | | 4* | | | MS21042L3 | NUT |
| 1 | | 1 | | | | D412-702-321 | HARNESS ASSEMBLY (NEW) |
| 1* | | 1* | | | | D3570-3 | BRACKET |
| 1* | | 1* | | | | D4088-043 | SHOULDER HARNESS (NEW) |
| 4* | | 4* | | | | MS24694S50 | BOLT |
| 4* | | 4* | | | | AN960JD10L | WASHER |
| 4* | | 4* | | | | MS21042L3 | NUT |
| 1 | | 1 | | | | D412-702-323 | HARNESS ASSEMBLY (NEW) |
| 1* | | 1* | | | | D3570-4 | BRACKET |
| 1* | | 1* | | | | D4088-043 | SHOULDER HARNESS (NEW) |
| 4* | | 4* | | | | MS24694S50 | BOLT |
| 4* | | 4* | | | | AN960JD10L | WASHER |
| 4* | | 4* | | | | MS21042L3 | NUT |

* denotes that part is included in assembly above






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CANADA
DEPARTMENT OF TRANSPORT
AIRCRAFT CERTIFICATION
BRANCH
DAO # 01-O-01

APPROVED

BY: 
D. SHEPHERD (DE # 02)

DATE: 10.03.22
CERT. NO.: SH04-7
ISSUE NO.: 3

| | | | |
|------------|---|--|--------------|
| DESIGN |  | DART AEROSPACE LTD | |
| DRAWN |  | HAWKESBURY, ONTARIO, CANADA | |
| CHECKED |  | DRAWING NO. | REV. A |
| MFG. APPR. | N/A | DSI 9511 | SHEET 4 OF 6 |
| APPROVED |  | TITLE | SCALE |
| DE APPR. |  | NEW SHOULDER HARNESS KITS NTS | |
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REFERENCE ONLY

...continued from previous page

| QTY -341 | QTY -343 | QTY -345 | QTY -347 | QTY -349 | QTY -351 | Part Number | Description |
|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-----------------|
| 2 | 2 | | | | | D3542-1 | BRACKET |
| 7 | 3 | | 4 | 1 | | D3571-1 | GUIDE |
| 2 | 2 | | | | | D3571-3 | GUIDE |
| 2 | | 2 | | | | D3572-041 | GUIDE ASSEMBLY |
| 12 | 6 | | 6 | 2 | | D3578-041 | DOUBLER |
| 2 | 2 | | | | | D3610-041 | BRACKET |
| 2 | 2 | | | | | D3618-1 | CAP |
| 4 | 4 | | | | | AN4-10A | BOLT |
| 2 | | 2 | | | | AN4-16A | BOLT |
| 4 | | 4 | | | | AN4-25A | BOLT |
| 4 | | 4 | | | | AN4-27A | BOLT (DSI 9469) |
| 2 | 2 | | | | | AN4-44A | BOLT |
| 2 | 2 | | | | | MS24693S274 | SCREW |
| 3 | 3 | | | 1 | | MS24694S56 | SCREW |
| 10 | 2 | | 8 | | | MS24694S58 | SCREW |
| 1 | 1 | | | 1 | | MS24694S60 | SCREW |
| 26 | 6 | 20 | | | | AN960JD416 | WASHER |
| 4 | 4 | | | | | AN960JD416L | WASHER |
| 12 | 6 | 6 | | | | MS21042L4 | NUT |
| 24 | 12 | | 12 | 4 | | CR3212-4-4 | RIVET |

CANADA
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BRANCH
DAO # 01-O-01

APPROVED

BY: 
D. SHEPHERD (DE # 02)

DATE: 10.03.22
CERT. NO.: SH04-7
ISSUE NO.: 3

| | | |
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| DRAWN | 92 | |
| CHECKED | 1 | DRAWING NO. REV. A |
| MFG. APPR. | N/A | DSI 9511 SHEET 5 OF 6 |
| APPROVED | 160 | TITLE SCALE |
| DE APPR. | TH | NEW SHOULDER HARNESS KITS NTS |
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TABLE 3

REFERENCE ONLY

| QTY -337 | QTY -353 | Part Number | Description |
|-------------|-------------|--------------|--|
| X | | D214-702-337 | Dart 5-Man 3 Point Aft Facing Shoulder Harness Kit, for 214 Aircraft |
| | X | D205-702-353 | Dart 4-Man 3 Point Aft Facing Shoulder Harness Kit, for UH-1 Aircraft |
| 1 | 2 | D412-702-311 | HARNESS ASSEMBLY (NEW) -> SEE TABLE 2 |
| 1 | 2 | D412-702-313 | HARNESS ASSEMBLY (NEW) -> SEE TABLE 2 |
| 1 | | D412-702-321 | HARNESS ASSEMBLY (NEW) -> SEE TABLE 2 |
| 1 | | D412-702-323 | HARNESS ASSEMBLY (NEW) -> SEE TABLE 2 |
| 1 | | D412-702-319 | HARNESS ASSEMBLY (NEW) |
| 1* | | D3925-041 | BRACKET |
| 1* | | D4088-043 | SHOULDER HARNESS ASSEMBLY (NEW) |
| 4* | | MS24694S50 | BOLT |
| 4* | | AN960JD10L | WASHER |
| 4* | | MS21042L3 | NUT |
| | 1 | D3572-043 | GUIDE ASSY |
| | 1 | D3572-044 | GUIDE ASSY |
| 1 | | D3920-041 | SEATBELT GUIDE ASSEMBLY |
| 2 | | D3920-5 | SEATBELT GUIDE |
| 1 | 6 | AN4-16A | BOLT |
| 1 | | AN4-21A | BOLT |
| 7 | | AN4-25A | BOLT |
| 18 | 12 | AN960JD416 | WASHER |
| 9 | 6 | MS21042L4 | NUT |



* denotes that part is included in assembly above

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BRANCH
DAO # 01-O-01

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BY: 
D. SHEPHERD (DE # 02)

DATE: 10.03.22
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ISSUE NO.: 3

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|------------|---|--|--------------|
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| DRAWN | 92 | | |
| CHECKED | J | DRAWING NO. | REV. A |
| MFG. APPR. | N/A | DSI 9511 | SHEET 6 OF 6 |
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